

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	80	sensor adj device and surface adj shape and recogniz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:31
L2	0	L1 and ("2" or 2-D or two adj dimensional\$1)adj array and sensor adj cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:35
L3	9	L1 and ("2" or 2-D or two adj dimensional\$1)and array and sensor adj cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:36
L5	4	L3 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:43
L6	0	L5 and (fingerprint or finger adj print)and sensed same capacitance and generat\$3 adj values and (ridges or valleys)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:45
L7	0	L1 and (fingerprint or finger adj print)and sensed same capacitance and generat\$3 adj values and (ridges or valleys)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:45
L8	0	L1 and (fingerprint or finger adj print)and sensed and capacitance and generat\$3 adj values and (ridges or valleys)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:46
L9	2	sensor adj device and(fingerprint or finger adj print)and sensed and capacitance and generat\$3 adj values and (ridges or valleys)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:46
L10	14	sensor adj device and sensed and capacitance and generat\$3 adj values and (ridges or valleys)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:47
L11	2	L10 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:47
L12	2	L11 and ("2" or 2-D or two adj dimensional\$1) and array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:50

L13	1	L12 and (fingerprint or finger adj print) and sensed same capacitance and generat\$3 adj values and (ridges or valleys)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:51
L14	1	L13 and (finger adj print or fingerprint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:01
L15	1	L14 and ("2" or 2-D or two adj dimensional\$1) and array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:02
L16	0	L15 and ("2" or 2-D or two adj dimensional\$1) and array and sensor adj cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:02
L17	1	L15 and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:02
L18	0	L15 and ("2" or 2-D or two adj dimensional\$1) and array and sensor near3 cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:03
L19	0	L15 and ("2" or 2-D or two adj dimensional\$1) and array and cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:03
L20	1	L15 and ("2" or 2-D or two adj dimensional\$1) and array and sensor and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:03
L21	0	L20 and signals and output and capacitance and electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:05
L22	0	L20 and signals and output and capacitance and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:05
L23	0	L20 and signals and output and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:06
L24	3	L1 and signals and output and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:06

L25	0	L24 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:06
L26	0	L24 and(@ad<"20031130" or @rlad<"20031130" or @prad<"20031130" or @ptad<"20031130")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:09
L27	3	sensor adj device and surface adj shape and recogniz\$3 and signals and output and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:10
L28	5	calculates and surface adj shape and input adj signals and sensor adj cells	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:14
L29	3	L28 and sensor adj device and surface adj shape and recogniz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:15
L30	2	L29 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:15
L31	2	L30 and signals and output and capacitance and electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:16
L32	2	L31 and ("2" or 2-D or two adj dimensional\$1) and array and sensor near3 cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:17
L33	0	L32 and signals and output and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:17
L34	0	L32 and signal and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:18
L35	0	L32 and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:18
L36	0	L32 and first adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:18

L37	2	L32 and (plurality or plural\$3)and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:19
L38	0	L32 and (plurality or plural\$3)same electrodes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:19
L39	2	L32 and (plurality or plural\$3)and electrodes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:19
L40	2	L39 and @ad< "20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:19
L41	0	L40 and(charging or discharging)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:20
L42	2	L40 and(charging or discharging or electric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:21
L43	2	L42 and voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:21
L44	0	L43 and first adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:22
L46	93	((("5325442") or ("6151013") or ("6326227") or ("6346739") or ("6714666") or ("6330145") or ("6440814") or ("5907627") or ("6144757") or ("6399994") or ("6438257") or ("6842542") or ("7062075") or ("7366332") or ("7508963") or ("20010015431") or ("20010026635") or ("20020181748") or ("20040021786") or ("20050259850") or ("20080187192") or ("6628269") or ("20010013861") or ("6011859") or ("5963657") or ("5973623") or ("6115484") or ("6225711") or ("6225711") or ("5920384") or ("5373181") or ("5778089") or ("5818956") or ("6057540") or ("6084977") or ("6234031") or ("6239027") or ("6333989") or ("6356649") or ("6392636") or ("6483931") or ("6518083") or ("6727561") or ("6765274") or ("6917694") or ("6927844") or ("6987871") or ("7045379") or ("7123026") or ("7205621") or ("").pn.)).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 14:30

L47	0	L46 and sensor adj device and surface adj shape and recogniz\$3 and signals and output and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:37
L48	4	L46 and sensor adj device and recogniz\$3 and capacitance and electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:38
L49	0	L48 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:38
L50	0	L48 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:49
L51	4	L48 and(@ad<"20031130" or @riad<"20031130" or @prad<"20031130" or @ptad<"20031130")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:50
L52	2	("20050244038").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 14:52
L53	0	L52 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:52
L54	0	L52 and @ad<"20030826"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:56
L56	2270	382/124,127,115,116,125,126,299.CQLS.	USPAT	OR	ON	2009/04/28 15:12
L57	3	L56 and sensor adj device and surface adj shape and recogniz\$3	USPAT	OR	ON	2009/04/28 15:13
L58	0	L57 and sensor adj device and(fingerprint or finger adj print)and sensed and capacitance and generat\$3 adj values and (ridges or valleys)	USPAT	OR	ON	2009/04/28 15:14
L59	3	L57 and ("2" or 2-D or two adj dimensional\$1) and array	USPAT	OR	ON	2009/04/28 15:15
L60	0	L59 and (fingerprint or finger adj print)and sensed same capacitance and generat\$3 adj values and (ridges or valleys)	USPAT	OR	ON	2009/04/28 15:15
L61	3	L59 and (fingerprint or finger adj print)	USPAT	OR	ON	2009/04/28 15:15
L62	2	L61 and signals and output and capacitance and electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:16
L63	0	L62 and sensor adj device and surface adj shape and recogniz\$3 and signals and output and capacitance and first adj electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:17

L64	8	L3 and(@ad<"20040723" or @riad<"20040723" or @prad<"20040723" or @ptad<"20040723")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:24
L65	2	L52 and(@ad<"20040723" or @riad<"20040723" or @prad<"20040723" or @ptad<"20040723")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:26
L66	0	L52 and @ad<"20040723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:27
L67	4	L64 and @ad<"20040723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:29
L68	3	L56 and sensor adj device and surface adj shape and recogniz\$3	USPAT	OR	ON	2009/04/28 15:30
L69	3	L68 and ("2" or 2-D or two adj dimensional\$1) and array	USPAT	OR	ON	2009/04/28 15:31
L70	3	L69 and (fingerprint or finger adj print)	USPAT	OR	ON	2009/04/28 15:31
L71	2	L70 and signals and output and capacitance and electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:31
L72	2	L71 and (plurality or plural\$3)same electrodes	USPAT	OR	ON	2009/04/28 15:32
L73	0	L72 and @ad<"20040723"	USPAT	OR	ON	2009/04/28 15:33
L74	0	L72 and @ad<"20040723"	USPAT	OR	ON	2009/04/28 15:35
L75	432	340/ 5,53,5,83.ccls.	USPAT	OR	ON	2009/04/28 15:37
L76	2	L75 and sensor adj device and surface adj shape and recogniz\$3	USPAT	OR	ON	2009/04/28 15:37
L77	2	L76 and ("2" or 2-D or two adj dimensional\$1) and array	USPAT	OR	ON	2009/04/28 15:38
L78	2	L77 and (fingerprint or finger adj print)	USPAT	OR	ON	2009/04/28 15:38
L79	2	L78 and signals and output and capacitance and electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:38
L80	2	L79 and (plurality or plural\$3)same electrodes	USPAT	OR	ON	2009/04/28 15:38
L81	0	L80 and @ad<"20040723"	USPAT	OR	ON	2009/04/28 15:39
L82	1113	702/ 104,130.ccls.	USPAT	OR	ON	2009/04/28 15:39
L83	4	L82 and sensor adj device and surface adj shape and recogniz\$3	USPAT	OR	ON	2009/04/28 15:40
L84	4	L83 and ("2" or 2-D or two adj dimensional\$1)and array	USPAT	OR	ON	2009/04/28 15:40
L85	3	L84 and (fingerprint or finger adj print)	USPAT	OR	ON	2009/04/28 15:40

L86	2	L85 and signals and output and capacitance and electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:40
L87	1	L86 and @ad< "20040723"	USPAT	OR	ON	2009/04/28 15:40
L97	1	(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object). CJM.	US-PGPUB	OR	ON	2009/04/28 15:50
L99	6	L46 and sensor adj device and surface adj shape and recogniz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:51
L100	6	L99 and ("2" or 2-D or two adj dimensional\$1) and array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:51
L101	4	L100 and signals and output and capacitance and electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:52
L102	4	L101 and (plurality or plural\$3)same electrodes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:52
L103	0	L102 and @ad< "20040723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:52
L104	45	((HIROKI) near2 (MORIMURA)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/28 15:53
L105	18	((MAMORU) near2 (NAKANISHI)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/28 15:54
L106	81	((SATOSHI) near2 (SHIGEMATSU)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/28 15:54
L107	12	((TAKAHIRO) near2 (HATANO)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/28 15:54
L108	24	((YUKIO) near2 (OKAZAKI)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/28 15:55
L109	72	((KATSUYUKI) near2 (MACHIDA)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/28 15:55
L113	1	L106 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:57
L114	1	L104 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:57

L115	1	L105 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:57
L116	1	L107 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:57
L117	1	L108 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:58
L118	1	L109 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:58

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